

Amendments to the Claims

Please cancel Claims 1-7, 9, 11, 13-29, 36-49 and 52-84. Please add new Claims 85-113. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1.-84. (Canceled)

85. (New) A blend comprising:

a first PHA;

a second PHA, the second PHA being different from the first PHA; and

a third PHA, the third PHA being different from the first PHA and the second PHA, wherein the first PHA, the second PHA and the third PHA are blended together.

86. (New) The blend of Claim 85, wherein the first PHA is a homopolymer.

87. (New) The blend of Claim 86, wherein the first PHA is poly(3-hydroxybutyrate).

88. (New) The blend of Claim 86, wherein the second PHA is a copolymer having a first comonomer and a second comonomer, the first comonomer being different from the second comonomer.

89. (New) The blend of Claim 88, wherein the first comonomer of the second PHA is 3-hydroxybutyrate.

90. (New) The blend of Claim 89, wherein the second comonomer of the second PHA is selected from the group consisting of lactic acid, glycolic acid, 3-hydroxypropionate, 3-hydroxyvalerate, 3-hydroxyhexanoate, 3-hydroxyheptanoate, 3-hydroxyoctanoate, 3-hydroxynonanoate, 3-hydroxydecanoate, 3-hydroxydodecanoate, 3-hydroxydodecenoate, 3-hydroxytetradecanoate, 3-hydroxyhexadecanoate, 3-hydroxyoctadecanoate, 4-hydroxybutyrate, 4-hydroxyvalerate, 5-hydroxyvalerate, and 6-hydroxyhexanoate.

91. (New) The blend of Claim 90 wherein the second comonomer of the second PHA is 4-hydroxybutyrate.
92. The blend of Claim 90 wherein the first PHA is a homopolymer of 3-hydroxybutyrate and the second PHA is a co-polymer of 3-hydroxybutyrate and 4-hydroxybutyrate.
93. (New) The blend of Claim 85, wherein the first PHA is a copolymer having a first comonomer 1-A and a second comonomer 1-B; and the second PHA is a copolymer having a first comonomer 2-A and a second comonomer 2-B.
94. (New) The blend of Claim 93, wherein the first PHA copolymer and the second PHA copolymer are the same copolymer, in which the ratio of comonomer 1-A:comonomer 1-B is different from the ratio of comonomer 2-A:comonomer 2-B.
95. (New) The blend of Claim 94, wherein comonomer 1-A and comonomer 2-A are both 3-hydroxybutyrate.
96. (New) The blend of Claim 95, wherein comonomer 1-B and comonomer 2-B are both 3-hydroxypropionate, 4-hydroxybutyrate, 3-hydroxyhexanoate, or 3-hydroxyoctanoate, 3-hydroxypropionate, 6-hydroxyhexanoate, 3-hydroxydecanoate, 3-hydroxydodecanoate, or 3-hydroxydodecenoate.
97. (New) The blend of Claim 96, wherein the comonomer 1-B and the comonomer 2-B are both 4-hydroxybutyrate.
98. (New) An article comprising at least about 1 % by weight of a blend, wherein the blend comprises:
 - a first PHA;
 - a second PHA, the second PHA being different from the first PHA; and
 - a third PHA, the third PHA being different from the first PHA and the second PHA, wherein the first PHA, the second PHA and the third PHA are blended together.
99. (New) The article of Claim 98, wherein the first PHA is a homopolymer.

100. (New) The article of Claim 99, wherein the first PHA is poly(3-hydroxybutyrate).
101. (New) The article of Claim 99, wherein the second PHA is a copolymer having a first comonomer and a second comonomer, the first comonomer being different from the second comonomer.
102. (New) The article of Claim 101, wherein the first comonomer of the second PHA is 3-hydroxybutyrate.
103. (New) The article of Claim 102, wherein the second comonomer of the second PHA is selected from the group consisting of lactic acid, glycolic acid, 3-hydroxypropionate, 3-hydroxyvalerate, 3-hydroxyhexanoate, 3-hydroxyheptanoate, 3-hydroxyoctanoate, 3-hydroxynonanoate, 3-hydroxydecanoate, 3-hydroxydodecanoate, 3-hydroxydodecenoate, 3-hydroxytetradecanoate, 3-hydroxyhexadecanoate, 3-hydroxyoctadecanoate, 4-hydroxybutyrate, 4-hydroxyvalerate, 5-hydroxyvalerate, and 6-hydroxyhexanoate.
104. (New) The article of Claim 103 wherein the second comonomer of the second PHA is 4-hydroxypropionate.
105. (New) The article of Claim 103 wherein the first PHA is a homopolymer of 3-hydroxybutyrate and the second PHA is a co-polymer of 3-hydroxybutyrate and 4-hydroxybutyrate.
106. (New) The article of Claim 98, wherein the first PHA is a copolymer having a first comonomer 1-A and a second comonomer 1-B; and the second PHA is a copolymer having a first comonomer 2-A and a second comonomer 2-B.
107. (New) The article of Claim 106, wherein the first PHA copolymer and the second PHA copolymer are the same copolymer, in which the ratio of comonomer 1-A:comonomer 1-B is different from the ratio of comonomer 2-A:comonomer 2-B.
108. (New) The article of Claim 107, wherein comonomer 1-A and comonomer 2-A are both 3-hydroxybutyrate.

109. (New) The article of Claim 108, wherein comonomer 1-B and comonomer 2-B are both 3-hydroxypropionate, 4-hydroxybutyrate, 3-hydroxyhexanoate, or 3-hydroxyoctanoate, 3-hydroxypropionate, 6-hydroxyhexanoate, 3-hydroxydecanoate, 3-hydroxydodecanoate, or 3-hydroxydodecenoate.
110. (New) The article of Claim 109, wherein the comonomer 1-B and the comonomer 2-B are both 4-hydroxybutyrate.
111. (New) The article of Claim 98, wherein the article comprises at least about 10 % by weight of the blend.
112. (New) The article of Claim 98, wherein the article comprises at least about 50 % by weight of the blend.
113. (New) The article of Claim 98, wherein the article comprises at least about 95 % by weight of the blend.